

Volvo Trucks North America, Inc.

April 4, 2000

CERTIFIED MAIL - RETURN RECEIPT

Associate Administrator for Enforcement National Highway Traffic Safety Administration 400 Seventh Street, S.W. Washington, DC 20590

RE: NHTSA Recall Campaign Number: 00V-002.002

Volvo Trucks North America, Inc., Recall Number: RVXX0002

Volvo Trucks North America, Inc. of Greensboro, North Carolina, per the requirements of 49 CFR Part 573.5(c)(9), herewith submits a copy of its recall bulletin and owner notice for the subject recall. Mailing of the bulletin and owner notices was started on March 28, 2000 and was completed on March 31, 2000.

Very Truly Yours

Charles D. Powell Recall Administrator

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Enclosures (2)

OFFICE MOITAGITES INVESTIGATION

CO VER 10 PH 3: 02

SAFETY RECALL BULLETIN



SAFETY RECALL RVXX0002 MARCH 2000

ATTENTION: SERVICE MANAGERS

PARTS MANAGERS

SUBJECT: Brake Manifold Dash Valve

SAFETY RECALL INFORMATION:

Volvo Trucks North America, Inc. has decided that a defect relating to motor vehicle safety exists in certain Volvo model vehicles.

The double check valve disc incorporated into the brake manifold dash valve becomes brittle over time and cracks. If this condition exists and there is a single point failure in either the "A" or "B" air system may result in loss of all service braking.

VEHICLES AFFECTED:

Certain ACL, VN, WAH, WIA, WCA, WG, and WX model vehicles manufactured by Volvo Trucks North America, Inc. between June 4, 1997, and February 28, 1998.

VEHICLE IDENTIFICATION NUMBERS (VIN):

There are thirteen thousand, five hundred and sixteen (13,516) vehicles affected by this recall.

The affected vehicles are within the following VIN ranges.

<u>From</u>	<u>Through</u>
4VG7DBJHXWN735140	4VG7DAGH0WN764390
4VHSDCGH1WN517820	4VHSCBJH1WN519007
4VGWDAJH1WN732679	4VMDCMMEXWN758319
4VGJDAPF2WN856864	4VGJDARF3WN864470

NOTE:

To verify or determine if a particular vehicle is affected by this recall (or any other recall), you should consult the Dealer Communication System (WINS). By entering the Vehicle Identification Number into the Vehicle Inquiry (VEHINQ) segment, the screen will display in the upper right hand corner any outstanding recall.

The enclosed "Dealer Listing" identifies the vehicles that were sold or shipped to your dealership. Be sure to check the VEHINQ screen before performing the recall to verify that the recall is still open.

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INSPECTION INSTRUCTIONS:

There are no inspections required for this recall.

REPAIR:

The recall repairs are identified as modification "A" or "B". The modification code is found to the right of the recall number for each vehicle: i.e. RVXX0002 A or RVXX0002 B. The repair time and part required for modification "A" vehicles differ from those required for modification "B" vehicles. The repair consists of replacing the suspect brake manifold dash valve.

The repair instructions are found starting on page 5 of this Bulletin.

TIME ALLOWANCE:

Inspection:

- NO time allowed

Repairs:

Modification "A" (VN models):

- 1.4 hours per vehicle

Modification "B" (Vocational models): - 1.0 hour per vehicle

RECALL PARTS:

Modification "A" coded vehicles (VN models) require the following:

Recall Kit Number - 3093816

Modification "B" coded vehicles (Vocational models) require the following:

Recall Kit Number - 3093817

One kit of either "A" or "B" is required per vehicle

KIT ORDERING PROCEDURES:

Kits for this recall should be ordered through Volvo Trucks North America, Inc. Dealer Communications System on an <u>as required basis only</u>. The following information is required to place an order:

- 1. Your dealer account number
- 2. Recall kit number
- 3. Quantity of kits
- 4. Order priority: VOR

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The cost of the kit plus 30% dealer mark-up will have to be claimed per the guidelines identified under the heading "Claims for Credit".

DEALER INVENTORY:

No parts should be required from dealer stock.

REMOVED PARTS:

Brake manifold dash valves removed per this recall should be scrapped locally after rendering them unusable for further service.

CLAIMS FOR CREDIT:

Expenses associated with the performance of this recall will be reimbursed based on the guidelines identified in this Bulletin, and by submitting a claim following published instructions in the claim preparation section of the "Warranty Administration Procedures Manual".

NOTE: Claims for a recall repair must be submitted within 2 working days from the repair date.

CLAIM CODING INFORMATION:

Туре

Authorization Number - RVXX0002

Inspection - No Inspection Required

- P

Repair:

MODIFICATION "A" - 56347-0-02 1.4 hours per vehicle

MODIFICATION "B" - 56347-0-07 1.0 hour per vehicle

OWNER RECALL RESPONSE CARD:

The "Owner Recall Response Card" is to provide the vehicle owner with a convenient way to notify Volvo Trucks North America, Inc. of changes affecting the ownership of the subject vehicle. The owner card is not intended for dealer usage other than to assist you in the preparation of the repair orders necessary to perform the applicable recall on the subject vehicle. Please do not use the card as a way to inform Volvo Trucks North America, Inc. that the vehicle has been inspected or modified. Your WINS on-line system entry is sufficient.



DEALER RECALL RESPONSIBILITY:

Dealers are to perform the recall on all vehicles subject to the recall at no charge to the owner regardless of mileage, age of vehicle, or ownership from this time forward. Whenever a vehicle subject to this recall is taken into or is in your vehicle inventory or dealership for service, we strongly recommend you make every effort to perform the recall correction before the vehicle is sold or released to the owner.

IMPORTANT NOTICE:

A copy of the Owner Notice has been included for your reference. Please note that the National Traffic and Motor Vehicle Safety Act requires that the owner's vehicle(s) be corrected within a reasonable time after parts are available to you. The law states that failure to repair a vehicle within sixty (60) day after tender for repair shall be a prima facia evidence of unreasonable time. However, circumstances of a particular situation may reduce the sixty (60) day period. If an owner's vehicle is not repaired within a reasonable time, he or she may be entitled, without charge, to a reasonable equivalent vehicle or refund of the purchase price, less reasonable allowance for depreciation.

Volvo Trucks North America, Inc. P.O. Box 26115 Greensboro, NC 27102-6115

Repair Instruction

Before working on a vehicle, set the parking brake, place the transmission in neutral, and block the wheels. Failure to do so can result in unexpected vehicle movement and can cause serious personal injury or death.

△ DANGER

Air pressure must be depleted before disconnecting any air lines to keep air lines from separating violently, which may cause serious bodily harm.

Modification A VN Models

- Park the vehicle on a level surface and chock the wheels. Make sure the transmission is in natural and the brakes have been released.
 Drain the air system of all air pressure.
- Remove the electrical center covers. Unboit the instrument cluster and tay the instrument cluster to the side.

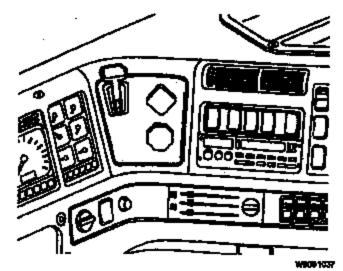
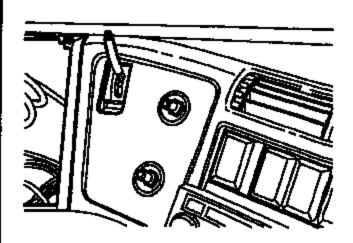


Fig. 1: Remove the knobs and bazel

 Pull the handle off the trail hand brake valve and remove the bezel. Using a small punch, drive the roll pins out of the parking brake knob and the trailer supply knob and remove them.



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Fig. 2: Remove the cover and panel

 Remove the dash cover for the trailer hand brake valve and manifold valve, and unbolt the dash panel.

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Disconnect the lower radio support and lay the dash panel over.

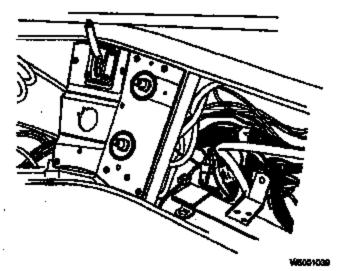


Fig. 3: Remove the mounting bracket

Unbolt the manifold valve and remove the mounting plate.

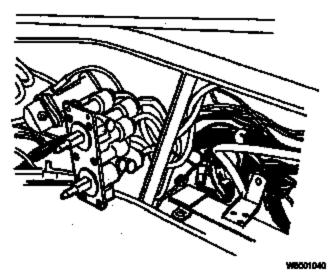


Fig. 4: Remove the valve

- Diagram the connection then, disconnect the air lines to the valve and remove the valve.
- Connect the air lines to the new valve and attach the valve to the bracket.

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- Secure the mounting plate.
- Reinstell the dash panel and connect the lower radio support.
- Reinstall the dash cover for the trailer hand brake valve and manifold valve.
- Reinstall the bezel, handle, and knobe for the hand control valves.
- Reinstall the bezel, handle, and knobs for the hand control valves.

Modification B WI, WC, WG, WX, WAH, and AC Models

- Park the vehicle on a level surface and phook the wheels. Make sure the transmission is in natural and the brakes have been released. Drain the air system of all air pressure.
- Using a small punch, drive the roll pine out of the parking brake knob and the trailer supply knob and remove them.

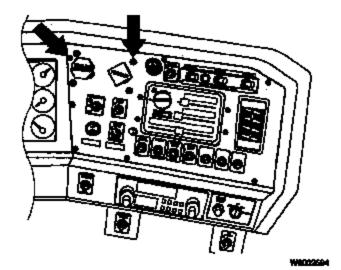


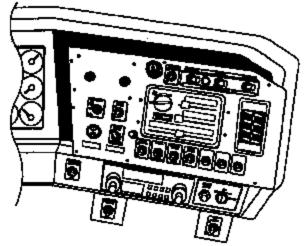
Fig. 5: Remove mounting screws

Remove the 4 acrews mounting the manifold valve to the dash panel.

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4. Remove the screws from the deah panel.



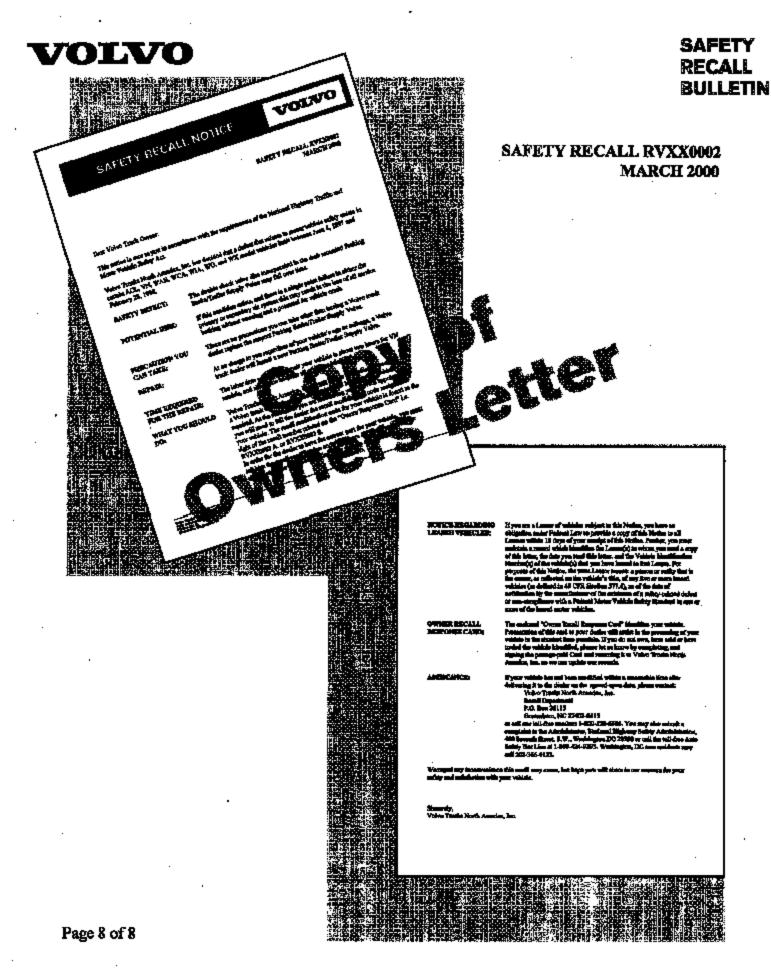
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Fig. 6: Tit the dash forward

5. Tilt the dash panel forward.

NOTE: Be careful to not pull any electrical connection loose.

- Diagram the connection then, disconnect the air lines to the valve and remove the valve.
- Transfer the fitting from the original valve to the new valve.
- 8. Reconnect the airlines to the new valve.
- Secure the new valve to the dash panel with the original 4 screws.
- Reinstell the dash panel.
- Reinstall the knobe and pins.



SAFETY RECALL NOTICE



SAFETY RECALL RVXX0002 MARCH 2000

Dear Volvo Truck Owner:

This notice is sent to you in accordance with the requirements of the National Highway Traffic and Motor Vehicle Safety Act.

Volvo Trucks North America, Inc. has decided that a defect that relates to motor vehicle safety exists in certain ACL, VN, WAH, WCA, WIA, WG, and WX model vehicles built between June 4, 1997 and February 28, 1998.

SAFETY DEFECT:

The double check valve disc incorporated in the dash mounted Parking

Brake/Trailer Supply Valve may fail over time.

POTENTIAL RISK:

If this condition exists, and there is a single point failure in either the primary or secondary air system this may result in the loss of all service braking without warning and a potential for vehicle crash.

PRECAUTION YOU CAN TAKE:

There are no precautions you can take other than having a Volvo truck dealer replace the suspect Parking Brake/Trailer Supply Valve.

REPAIR:

At no charge to you regardless of your vehicle's age or mileage, a Volvo truck dealer will install a new Parking Brake/Trailer Supply Valve.

TIME REQUIRED FOR THE REPAIR:

The labor time required to repair your vehicle is about two hours for VN models, and about one hour for all other models.

WHAT YOU SHOULD DO: Volvo Trucks North America, Inc. <u>arges</u> you to immediately contact a Volvo truck dealer for a service appointment to have your vehicle repaired. At the same time you are scheduling your service appointment, you will need to tell the dealer the recall modification code assigned to your vehicle. The recall modification code for your vehicle is found to the right of the recall number printed on the "Owner Response Card" i.e. RVXX0002 A, or RVXX0002 B.

In order for the dealer to have the correct part for your vehicle, you <u>must</u> tell him the recall modification code. Parts are currently available for shipment to the dealer scheduling your service appointment.

NOTICE REGARDING LEASED VEHICLES:

If you are a Lessor of vehicles subject to this Notice, you have an obligation under Federal Law to provide a copy of this Notice to all Lessees within 10 days of your receipt of this Notice. Further, you must maintain a record which identifies the Lessee(s) to whom you send a copy of this letter, the date you send this letter, and the Vehicle Identification Number(s) of the vehicle(s) that you have leased to that Lessee. For purposes of this Notice, the term Lessor means: a person or entity that is the owner, as reflected on the vehicle's title, of any five or more leased vehicles (as defined in 49 CFR Section 577.4), as of the date of notification by the manufacturer of the existence of a safety-related defect or non-compliance with a Federal Motor Vehicle Safety Standard in one or more of the leased motor vehicles.

OWNER RECALL RESPONSE CARD:

The enclosed "Owner Recall Response Card" identifies your vehicle. Presentation of this card to your dealer will assist in the processing of your vehicle in the shortest time possible. If you do not own, have sold or have traded the vehicle identified, please let us know by completing, and signing the postage-paid Card and returning it to Volvo Trucks North America, Inc. so we can update our records.

ASSISTANCE:

If your vehicle has not been modified within a reasonable time after delivering it to the dealer on the agreed-upon date, please contact:

Volvo Trucks North America, Inc.

Recall Department P.O. Box 26115

Greensboro, NC 27402-6115

or call our toll-free number: 1-800-528-6586. You may also submit a complaint to the Administrator, National Highway Safety Administration, 400 Seventh Street, S.W., Washington DC 20590 or call the toll-free Auto Safety Hot Line at 1-800-424-9393. Washington, DC area residents may call 202-366-0123.

We regret any inconvenience this recall may cause, but hope you will share in our concern for your safety and satisfaction with your vehicle.

Sincerely, Volvo Trucks North America, Inc.